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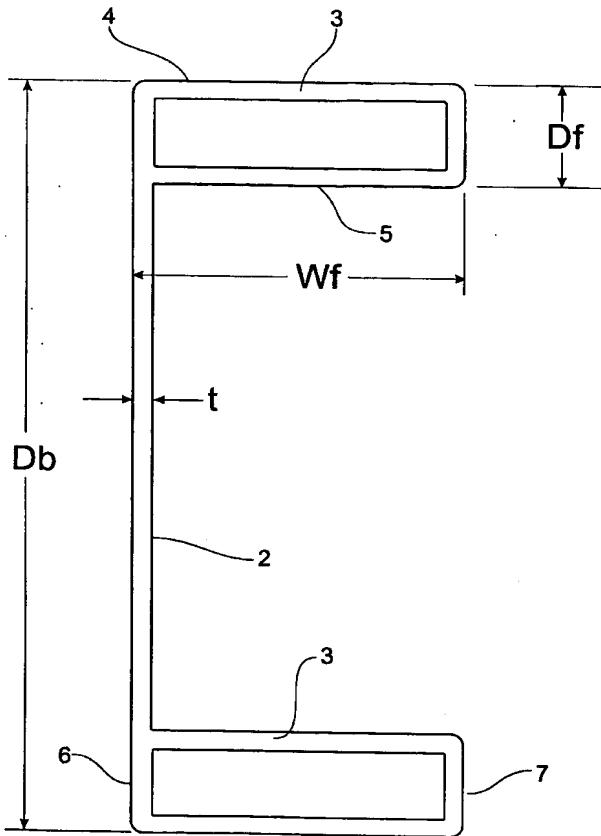
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*[Continued on next page]*

(54) Title: AN IMPROVED BEAM



(57) Abstract: A hollow flange channel beam has a planar web with a pair of narrow rectangular cross-section flanges extending along opposite sides of said web and extending perpendicular to a face of said web in the same direction. The section is optimised when  $Wf = (0.3)Db$ ,  $Wf = (3.0)Df$  and  $WF = (30)t$ .

WO 2004/113637 A1



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